

Tennessee Department of Environment and Conservation Division of Water Pollution Control Enforcement and Compliance Section L&C Annex, 6th Floor, 401 Church Street Nashville, TN 37243 (615) 532-0625

JHD — JHJ — AMY — WEC — 4/23/13

Small Municipal Separate Storm Sewer System (MS4) Annual Report

Sman wunicip	ai Separate Storm Sewer S	ystem (MS4) A	14.5	5.4	
1. MS4 Information			1000	Bradl	my Co
Bradley County			Tu.	1	
Name of MS4			V	S/W	- 201
Sandra Knight PE				Bu	adley)
Name of Contact Person					
423-728-7107					
Telephone (including area code)					
P.O. Box 1167					
Mailing Address					
Cleveland	TN	37364-110	67		
City	State	ZIP code			
What is the current population of you		/2011 42.06	/30/2012		
What is the reporting period for this a		/2011 10 00	/30/2012		
2. PROTECTION OF STATE OR FEDE	ERALLY LISTED SPECIES				
A. Are any of the MS4 discharge any state or federally listed sp for Phase II MS4s)	es or discharge-related activitie pecies (Part 3, Special Condit			Yes ⊠	No
B. Please attach the determination 3.2.1	on of the effect of the MS4 disc	harges on state or	federally l	isted species	per sub-part
3. WATER QUALITY PRIORITIES					
A. Does your MS4 discharge to	waters listed as impaired on the	e state 303(d) list?	\boxtimes	Yes \square	No
	water, the impairment cause(s identifies your MS4 as a source			approved by	EPA for
Waterbody I.D. #	Cause/TMDL Priority	Approved TI	MDL	MS4 Assign	ed to WLA
TN06020002005-0100	Loss of biological integrity	⊠ Yes	□No	☐ Yes	⊠ No
Black Fox Creek	due to siltation, habitat loss due to alteration in stream-sid or littoral vegetative cover, Escherichia coli	le			
TN06020002005-2000	Physical Substrate Habitat	⊠ Yes	□ No	☐ Yes	⊠ No
Candies Creek	Alterations, loss of biological integrity due to siltation, habitat loss due to alteration i stream side or littoral			7	
	vegitative cover, escherichia coli	1888	- 50	47 1	
		\	OCL O A	ATION	
		/	CHATTAKOCOA	DOFFICE	

	``	Small Municip	oal Separate Storm Sewer Sys	tem (MS4)	Annual Rep	ort	
	TN0	6020002009-0-100	Alteration in stream-side or	⊠ Yes	□No	☐ Yes	⊠ No
	Little	e South Mouse Creek	littoral vegetative cover, loss of biological integrity due to siltation				
	TN0	6020002009-0200		⊠ Yes	□ No	☐ Yes	⊠ No
	Filla	uer Creek					
	TN0	6020002009-0300	Low dissolved oxygen, habitat	⊠ Yes	□ No	☐ Yes	⊠ No
	Woo	len Mill Branch	loss due to alteration in streamside or littoral vegetative cover, nutrients, Escherichia coli				
	TN0	6020002009-2000	Loss of biological integrity	⊠ Yes	□ No	☐ Yes	⊠ No
	Sout	h Mouse Creek	due to siltation, physical substrate habitat alterations, Escherichia coli				
	TN0	6020002012-1000	Loss of biological integrity		□ No	☐ Yes	⊠ No
	Chata	ata Creek	due to siltation, physical substrate habitat alterations, Escherichia coli			Ę	
	TNO:	3150101021-1000	Escherichia coli	☐ Yes	⊠ No	☐ Yes	⊠ No
	Coah	ulla Creek					
	C.	What specific sources of thes	se pollutants of concern are you tar	rgeting? Pas	sture grazing an	d discharges	from MS4
	D.	Do you have discharges to an Resource Waters (ONRWs)?	ny Exceptional TN Waters (ETWs)) or Outstan	ding National	⊠ Yes	□No
	E.	Are you implementing additi ETWs or ONRWS located w	onal specific provisions to ensure ithin your jurisdiction?	the continue	ed integrity of	⊠ Yes	□ No
4.		BLIC EDUCATION AND PUBLE Is your public education prospollutants?	IC PARTICIPATION gram targeting specific pollutants a	and sources	of those	⊠ Yes	□ No
re	B. cycle	If yes, what are the specific cables, tires, grazing, grading	eauses, sources and/or pollutants ac	ddressed by	your public ed	ucation progr	am? <u>Trash,</u>
	C.		come(s) (NOT tasks, events, public is reporting period. Very successful				
	D.		nmittee or other body comprised ogular input on your stormwater pro		and other	⊠ Yes	□No
	E.	Provide a summary of all pul	olic meetings required by the perm	it. See attac	hecd		
5.	A.		EW AND UPDATE PA Water Quality Scorecard subm tion of code, ordinance and/or pol Policy in place and updated	icy revision	s associated wi		□No
6.	Co	NSTRUCTION	Toney in prace and updated	i as necueu.			
	A.	Do you have an ordinance or				₩ Vac	□ Nτ~
		Erosion and sediment contro Other construction waste cor	î de la companya de			⊠ Yes ⊠ Yes	□ No□ No
		Requirement to submit const	•			⊠ Yes	
		T T 10 D.					

	`	Small Municipal Separate Storm Sewer System (MS4) Annual Repo	ort	
-		MS4 enforcement authority?	⊠ Yes	□ No
	B.	How many active construction sites disturbing at least one acre were there in your jurisdict period? $\underline{20}$	ion this report	ing
		How many of these active sites did you inspect this reporting period? 20 On average, how many times each, or with what frequency, were these sites inspected (e.g., weekly, monthly, etc.)?	Bimonthly	
	E.	Do you prioritize certain construction sites for more frequent inspections? If Yes, based on what criteria? Proximety to listed waters, proximity to other development	⊠Yes <u>t</u>	□ No
7.	A. B.	Have you completed a map of all storm drain pipes of storm sewer system? Have you completed a map of all storm drain pipes of storm sewer system?	⊠ Yes ⊠Yes	□ No
8.	C. D. E. F. G. H. I. STC A.	How many outfalls have you identified in your system? 9063 How many of these outfalls have been screened for dry weather discharges? 75% How many of these have been screened more than once? 10% What is your frequency for screening outfalls for illicit discharges? Once every 5 year Do you have an ordinance that effectively prohibits illicit discharges? During this reporting period, how many illicit discharges/illegal connections have you discreported to you)? 10 Of those illicit discharges/illegal connections that have been discovered or reported, how meliminated? 10 DRMWATER MANAGEMENT FOR MUNICIPAL OPERATIONS Have stormwater pollution prevention plans (or an equivalent plan) been developed for:	⊠ Yes overed (or bee	□ No en
	11.	All parks, ball fields and other recreational facilities	⊠ Yes	□ No
		All municipal turf grass/landscape management activities	⊠ Yes	□No
		All municipal vehicle fueling, operation and maintenance activities	⊠ Yes	□No
		All municipal maintenance yards	⊠ Yes	□No
		All municipal waste handling and disposal areas	⊠ Yes	□No
	B.	Are stormwater inspections conducted at these facilities?	─ Yes	□ No
	Б.	1. If Yes, at what frequency are inspections conducted? Yearly		
	C.	Have standard operating procedures or BMPs been developed for all MS4 field activities? (e.g., road repairs, catch basin cleaning, landscape management, etc.)	⊠ Yes	□No
	D.	Do you have a prioritization system for storm sewer system and permanent BMP inspections?	⊠ Yes	□ No
	E.	On average, how frequently are catch basins and other inline treatment systems inspected?	Yearly	
	F.	On average, how frequently are catch basins and other inline treatment systems cleaned out or per complaint	t/maintained?	Yerly
	G.	Do municipal employees in all relevant positions and departments receive comprehensive training on stormwater management?	⊠ Yes	□ No
	H.	If yes, do you also provide regular updates and refreshers?	⊠ Yes	□ No
		If so, how frequently and/or under what circumstances? Bi-annually in conjunction	n with safety r	neetings
9	Per A.	RMANENT STORMWATER CONTROLS Do you have an ordinance or other mechanism to require:		
		Site plan reviews of all new and re-development projects?	⊠ Yes	□No
		Maintenance of stormwater management controls?	⊠ Yes	□ No

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	- \	Smal	l Municipal Separat	te Storm Sewer Sy	stem (MS4) Annual I	Report	
		Retrofitting of exis	sting BMPs with green	infrastructure BMPs	?	☐ Yes	⊠ No
	В		old for new/redevelopmere, etc.)All projects	nent stormwater plan	review? (e.g., all projec	ets, projects dis	sturbing
	C.	Have you impleme controls?	nted and enforced peri	formance standards for	or permanent stormwate	r ⊠ Yes	⊠ No
	D.	Do these performa development hydro	<u> </u>	nd the requirements f	ound in paragraph 4.2.5.	.2 and require	that pre-
		Flow volumes				☐ Yes	⊠ No
		Peak discharge rate	es			☐ Yes	⊠ No
		Discharge frequen	ey			☐ Yes	⊠ No
		Flow duration				☐ Yes	⊠ No
	E.	Please provide the	URL/reference where	all permanent stormy	water management stand	ards can be fo	und.
		www.bradleyco.ne	t/stormwater				
	F.	How many develop	oment and redevelopm	ent project plans wer	e reviewed for this repor	rting period?	<u>432</u>
	G.	How many develop	oment and redevelopm	ent project plans wer	e approved? 432		
	H.	How many perman	ent stormwater manag	ement practices/facil	ities were inspected?	<u>432</u>	
	I.	How many were for	ound to have inadequat	e maintenance? 8			
	J.	Of those, how man specify) <u>5</u>	y were notified and re	medied within 30 day	vs? (If window is differe	nt than 30 day	s, please
	K.	How many enforce	ment actions were take	en that address inade	quate maintenance? 2		
	L.		tronic tool (e.g., GIS, e.g., inspections and mair		t) to track post-	⊠ Yes	□ No
	M.	Do all municipal d system?	epartments and/or staf	f (as relevant) have a	ccess to this tracking	⊠ Yes	□No
	N.	Has the MS4 devel sites?	loped a program to allo	ow for incentive stand	dards for redeveloped	☐ Yes	⊠ No
	O.	How many mainter	nance agreements has	the MS4 approved du	ring the reporting period	d? 0	
10	0. EN A.	number of actions,		e (e.g., construction, i	you used during the repo Illicit discharge, perman		
		Action	Construction	Permanent Stormwater Controls	Illicit Discharge	Author	ity?
	Notic	e of violation	# <u>10</u>	#	# <u>10</u>	⊠ Yes	□ No
	Adm	inistrative fines	#	# <u>.1</u>	# <u>1</u>	⊠ Yes	□ No
	Stop	Work Orders	# <u>4</u>	#	#	⊠ Yes	□ No
	Civil	penalties	# <u>4</u>	#	# <u>1</u>	⊠ Yes	□ No
	Crim	inal actions	#	#	#	⊠ Yes	□No
	Adm	inistrative orders	#	#	#	☐ Yes	⊠ No

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Other Turned over to

Road Department

	Small M	Iunicipal Separate Storm S	Sewer System (MS4) Annua	d Report	
В.		nic tool (e.g., GIS, data base, s d enforcement actions in your	spreadsheet) to track the locatio jurisdiction?	ns, 🛛 Yes	□ No
C.	inadequate entrance a	10 mm 10 T 1	cumented during this reporting	period? <u>Illicit disch</u>	arge,
	OGRAM RESOURCES				
A.	past reporting period?	\$221,582	e requirements of your MS4 NP	-	
В.	What is next year's b \$227,131	udget for implementing the rec	uirements of your MS4 NPDES	s permit and SWM	P?
C.		endent financing mechanism f	or your stormwater program?	☐ Yes	⊠ No
D.	If so, what is it/are the Source:	ey (e.g., stormwater fees), and	what is the annual revenue deri Amoun		ıanism?
	Source:		Amour	ıt \$	
E.	implementing the stor with stormwater issue	rmwater program vs. municipa es)? 3	lity devote to the stormwater pr l employees with other primary	responsibilities that	at dovetail
F.	Do you share progran	n implementation responsibilit		☐ Yes	☑ No
Entity	7	Activity/Task/Responsibil	ity Your Oversight/Acc	ountability Mech	anism
12. EV A.	long have you been tr BMPs or tasks, but la	ou use to evaluate the overall e acking them, and at what frequences or long-term metrics	ffectiveness of your Stormwate nency? Note that these are not a for the overall program, such a as cover in the watershed, indic	neasurable goals fo s in-stream macroir	or individua nvertebrate
	Indicator	Began Tracking (year)	Frequency	Number of Loc	cations
	mple: E. coli	2003	Weekly April–September	20	
Dec Fine	rease in NOVs and	2003	Bi-Monthly		
e ii 13. Sī A.I	valuate the performand actude a comparison of CORMWATER MANAGO Describe any changes to	ce of permanent stormwater configuration for current and past permanent statement PROGRAM UPDATE to the MS4 program during the	ation, performance data, modelintrols installed throughout the stormwater control practices reporting period including but ints, controls or other requirements.	system. This evalua — not limited to:	ation may
peri	nit. <u>N/A</u>		ragraph 4.4.2.b of the permit. N		. 7.2. 2 OI UIC

Information (e.g. additional acreage, outfalls, BMPs) on program area expansion based on annexation or newly urbanized areas. Areas added to UA by census and other areas deleted.

Changes to the program as required by the division. N/A

Small Municipal Separate Storm Sewer System (MS4) Annual Report

14. CERTIFICATION

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in sub-part 6.7.2 of the permit.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Printed Name and Title

Signature

10-3-12

Date

Annual reports must be submitted in accordance with the requirements of subpart 5.4. (Reporting) of the permit. Annual reports must be submitted to the appropriate Environmental Field Office (EFO) by September 30 of each calendar year, as shown in the table below:

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	540 McCallie Avenue STE 550	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 432-4015
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000